

This listing of claims will replace all prior versions, and listings, of claims in the present application.

LISTING OF CLAIMS:

Claims 1-2 (Cancelled).

Claim 3 (Currently Amended) A composition suitable for formation of a spin-on antireflective layer comprising:

a crosslinking component;
a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, wherein said silicon polymer is a novolacsilane polymer comprising phenolic groups on the main chain and cluster silane groups on the side chains; and
an acid generator.

Claim 4 (Original) The composition of claim 3, wherein the acid generator is a thermal acid generator.

Claim 5 (Original) The composition of claim 3, wherein the acid generator is a photoacid generator.

Claim 6 (Previously Presented) The composition of claim 3, wherein said reactive sites are selected from the group consisting of alcohols, amino groups, imino groups, carboxlic groups, vinyl ethers, epoxides and mixtures thereof.

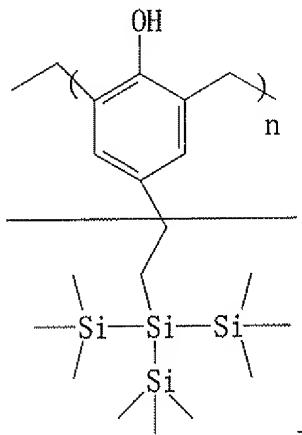
Claims 7-8 (Cancelled)

Claim 9 (Previously Presented) The composition of claim 3, wherein said crosslinking compound comprises a glycoluril compound.

Claims 10-11 (Cancelled)

Claim 12 (Previously Presented) The composition of claim 3, wherein said reactive site is an alcohol group.

Claim 13 (Currently Amended) The composition of claim 3, wherein said novolacsilane polymer is a reaction product of a silane-substituted phenol and formalin.
has the structure of:



Claims 14-29 (Canceled)

Claim 30 (Currently Amended) A composition suitable for formation of a spin-on antireflective layer comprising:

a crosslinking component; and
a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, wherein said silicon polymer is a novolacsilane polymer comprising phenolic groups on the main chain and cluster silane groups on the side chains.

Claim 31 (Currently Amended) A composition suitable for formation of a spin-on antireflective layer comprising:

a crosslinking component; and
a silicon polymer having a plurality of reactive sites distributed along the polymer for reaction with the crosslinking component, wherein said silicon polymer is a novolacsilane polymer which is a reaction product of a silane-substituted phenol and formalin, having the structure of:

